

Notice of Allowability

Application No.

09/844,700

Examiner

Joon H. Hwang

Applicant(s)

SHAH ET AL.

Art Unit

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to a telephonic conversation with Richard V. Wells (Reg. No. 53,757) on 11/15/04.
2. ☒ The allowed claim(s) is/are 1,3-6 and 8-10 (renumbered as 1-8).
3. ☐ The drawings filed on _____ are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____


JEAN M. CORRIELLUS
PRIMARY EXAMINER

DETAILED ACTION

1. This communication is responsive to a telephonic conversation with Richard V. Wells (Reg. No. 53,757) on 11/15/04.

The pending claims are 1, 3-6, and 8-16.

EXAMINER'S AMENDMENT

2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

3. Authorization for this examiner's amendment was given in a telephone interview with Richard V. Wells (Reg. No. 53,757) on 11/15/04.

4. The application has been amended as follows:

Last line in claim 1, delete [querying the associated aggregated fact tables comprising the aggregated facts.], and insert - - "querying the associated aggregated fact tables of the selected particular star, wherein the associated aggregated fact tables comprise the aggregated facts." - -.

Last line in claim 6, delete [querying the associated aggregated fact tables comprising the aggregated facts.], and insert - - "querying the associated aggregated

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fact tables of the selected particular star, wherein the associated aggregated fact tables comprise the aggregated facts." - -.

Cancel claims 11-16.

5. The pending claims are now 1, 3-6, and 8-10.

Allowable Subject Matter

6. Claims 1, 3-6, and 8-10 are allowed.

Reason For Indicating Allowable Subject Matter

Claims 1 and 6 identify the distinct features, "providing a flag with at least one star of the plurality of stars, each flag indicating the availability of its associated star, selecting a stargroup associated with the measure, the stargroup comprising one or more stars, comparing one or more dimensions indicators of the one or more stars of the selected stargroup to one or more requested levels of aggregation, evaluating the availability of the one or more stars of the selected stargroup by reviewing their associated flags, selecting a particular star of the one or more stars based on the comparison of the one or more dimension indicators to the one or more requested levels of aggregation and the evaluation of the availability of the one or more stars, and querying the associated aggregated fact tables of the selected particular star, wherein the associated aggregated fact tables comprise the aggregated facts" are not taught or suggested by the prior art made of records. The closest prior art, Weissman et al. (U.S.

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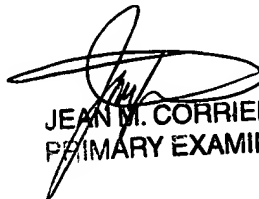
Patent No. 6,212,515) disclosing a star schema with fact tables and dimension tables for a data analysis, fails to suggest the claimed limitations as mentioned above in combination with other claimed elements. The above features in conjunction with all other limitations of the dependent and independent claims 1, 3-6, and 8-16 are here by allowed.

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Joon H. Hwang whose telephone number is 571-272-4036. The examiner can normally be reached on 9:30-6:00(M~F).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, JOHN E BREENE can be reached on 571-272-4107. The fax phone numbers for the organization where this application or proceeding is assigned are (703) 872-9306 for regular communications and (703) 872-9306 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-305-3900.

Joon Hwang
11/15/2004


JEAN M. CORRIELUS
PRIMARY EXAMINER